



UWB 3.7-4.2G 3700-4200MHz 3dBi omnidirectional foldable plastic housing wideband intelligent robot positioning and ranging antenna with a total length of 109mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10316-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day

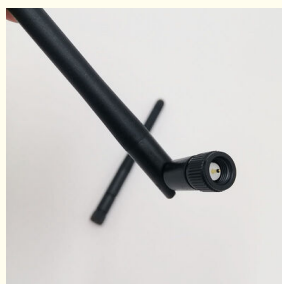


Product Specification

- Frequency: 3700-4200MHz
- VSWR: <2.0
- Peak Gain: 3dBi
- Impedance: 50



More Images



Product Description

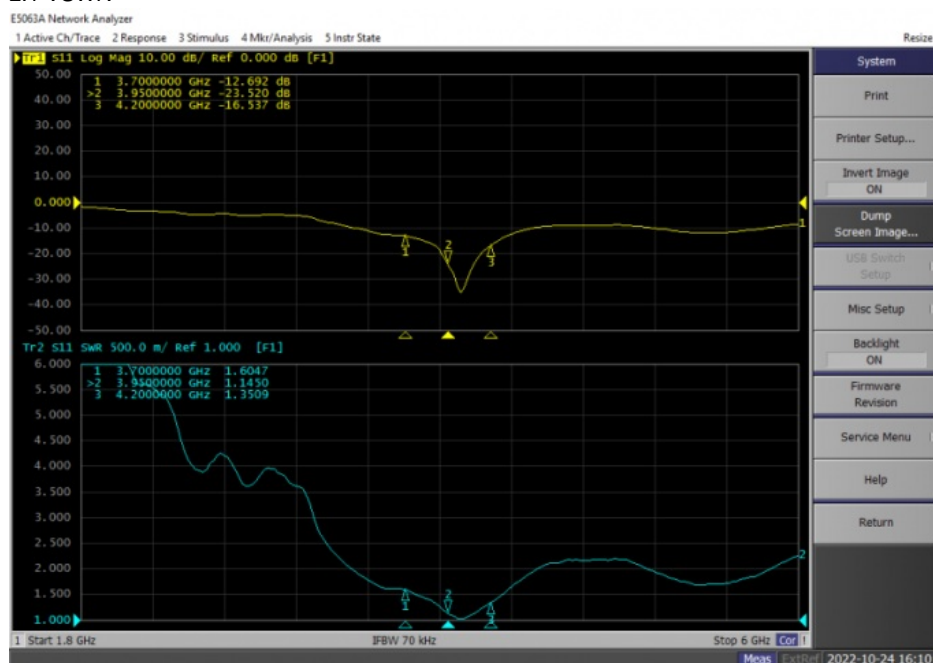
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1. Specification

A. Electrical Characteristics	
Frequency	3700-4200MHz
S.W.R.	≤ 2.0
Antenna Gain3	dBi
Efficiency	$\approx 80\%$
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	55±5°
Impedance	50 Ohm
B. Material & Mechanical Characteristics	
Connector Type	SMA-J
Dimension	φ10*109mm
Color	Black
Weight	0.01Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C

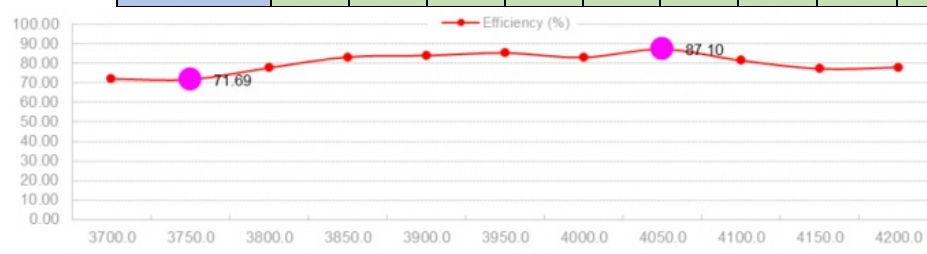
2. Antenna - S Parameter Test Data

2.1 VSWR



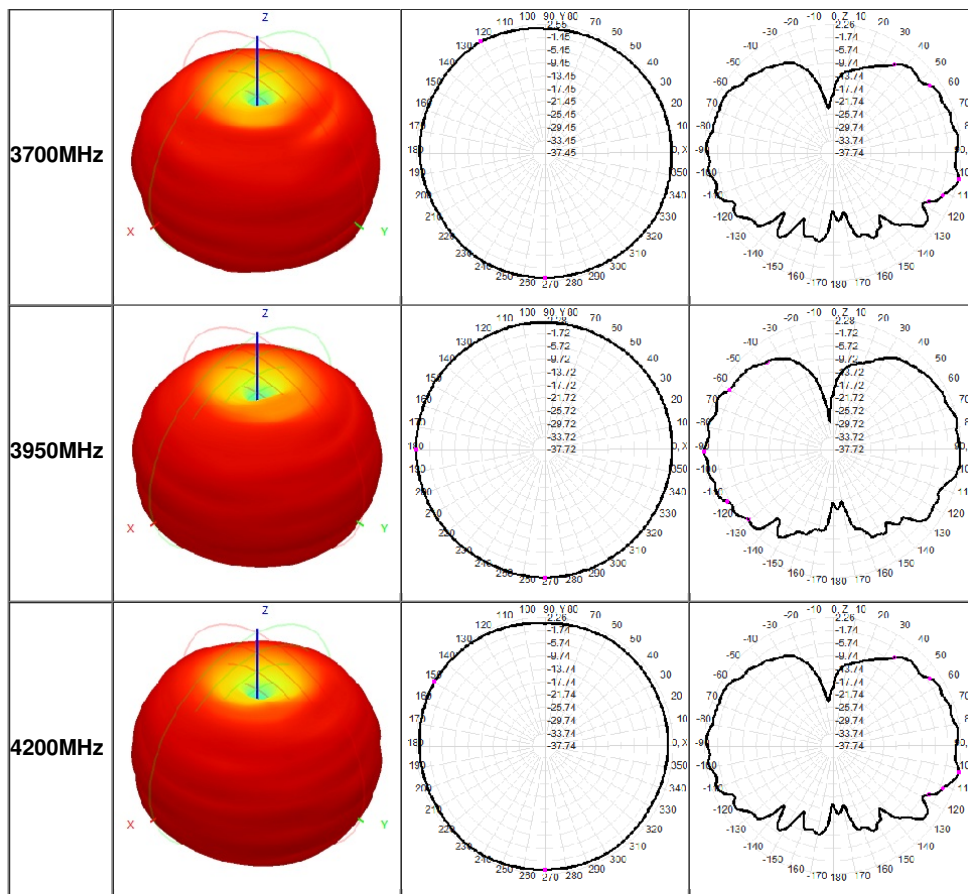
2.2 Total Efficiency & Gain

Frequency (MHz)	3700.0	3750.0	3800.0	3850.0	3900.0	3950.0	4000.0	4050.0	4100.0	4150.0	4200.0
Gain (dBi)	2.26	2.10	2.25	2.42	2.40	2.34	2.27	2.49	2.45	2.29	2.23
Efficiency (%)	72.01	71.69	77.63	83.16	83.89	85.21	82.99	87.10	81.39	77.18	77.89



2.2 Radiation Pattern

	3D	2D-Horizontal	2D-Vertical



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